



ASUS ZenWatch Vibration motor Replacement

No longer getting your silent notifications? No more satisfying vibration on the hour change? Your vibration motor is probably burnt out.

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INTRODUCTION

A step-by-step guide to removing and installing a vibration motor



TOOLS:

- [Phillips #000 Screwdriver](#) (1)
 - [Heavy-Duty Spudger](#) (1)
 - [Magnetic Project Mat](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Soldering Station](#) (1)
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PARTS:

- [R49F1 Motor](#) (1)

Step 1 — Watch Strap Removal



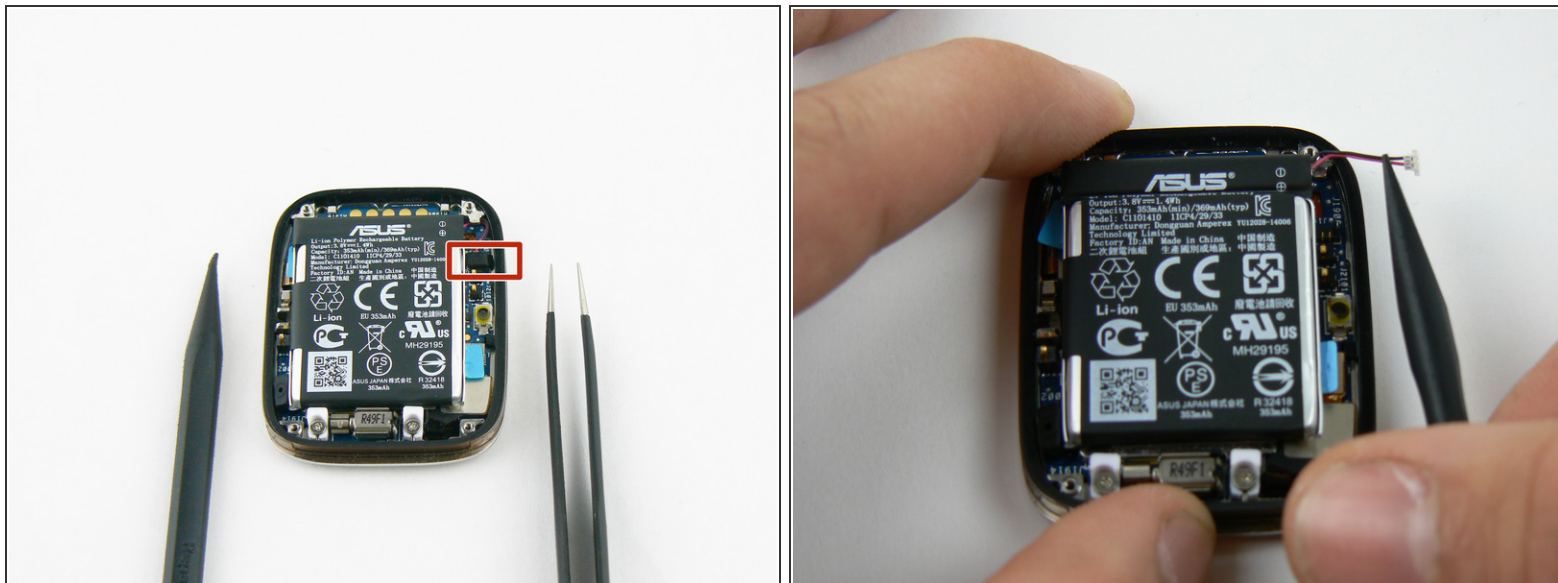
- On the strap there is a knob. Sliding this knob towards the opposite side of the strap releases the tension on the spring bar, allowing you to pull the strap out..

Step 2 — Battery



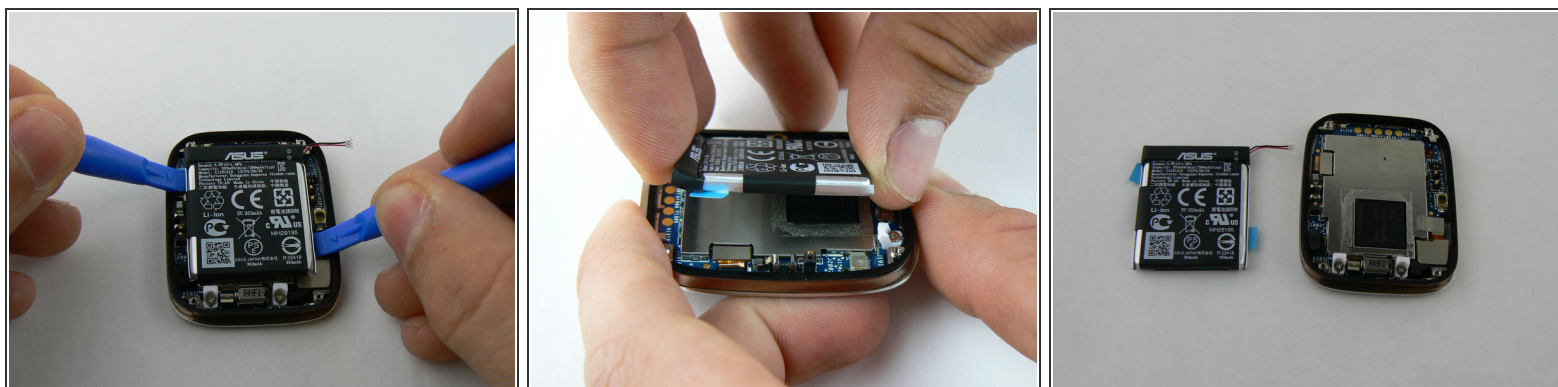
- Use the T5 Torx driver to remove the four screws on the case.
- ⓘ Use the magnetic pad to keep all your parts easily contained!
- The case will pry easily off with just gentle hand pressure

Step 3



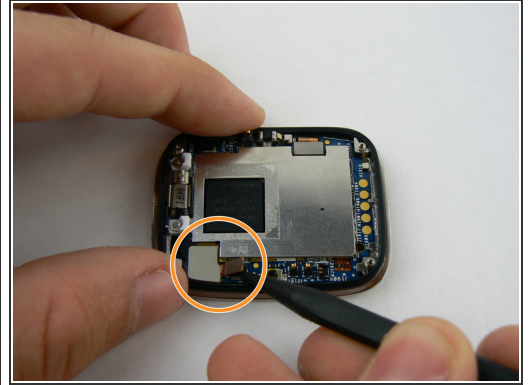
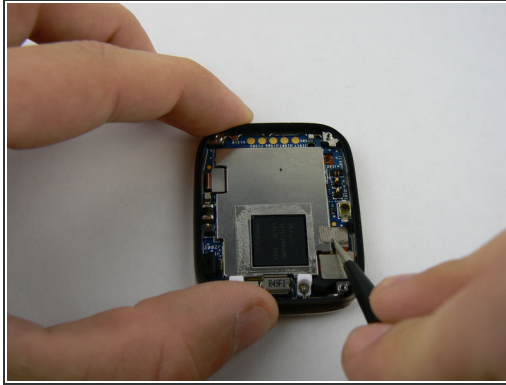
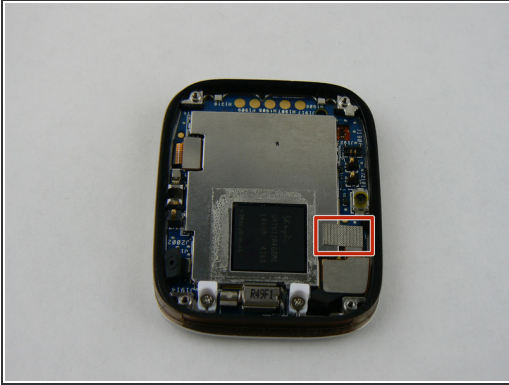
- Using the tweezers, gently remove the fabric protecting the battery connection.
- ⚠ Take care when removing the fabric. Too much force may damage the contact with the metal tweezers.
- Use the heavy duty spudger to gently push the contact towards the top of the case.

Step 4



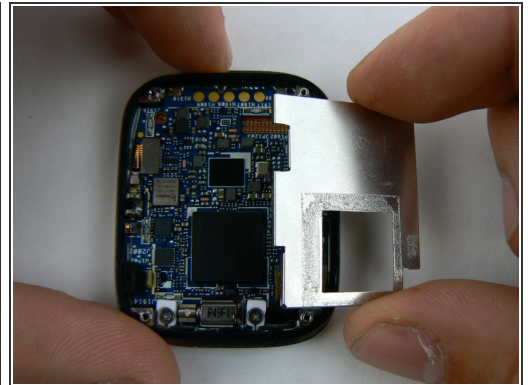
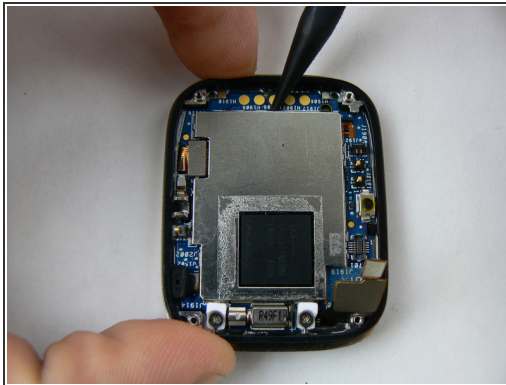
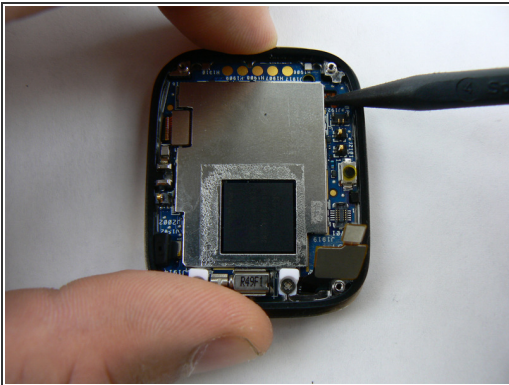
- Gently pry the battery up with the plastic pry tools

Step 5 — Motherboard



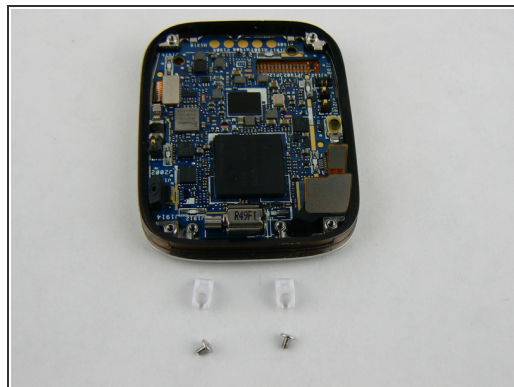
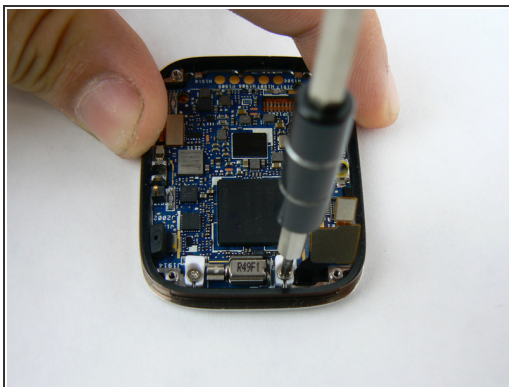
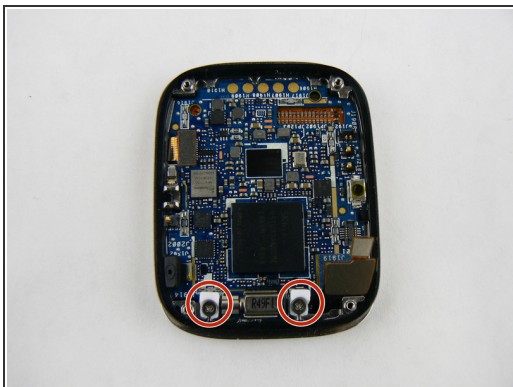
- With the metal tweezers gently remove the fabric covering the connection on bottom right
 - Using the heavy duty plastic spudger pry up on the connection ribbon.
- ⚠ There are two connection ports on the single ribbon. Do not use too much force as you may tear ribbon!

Step 6



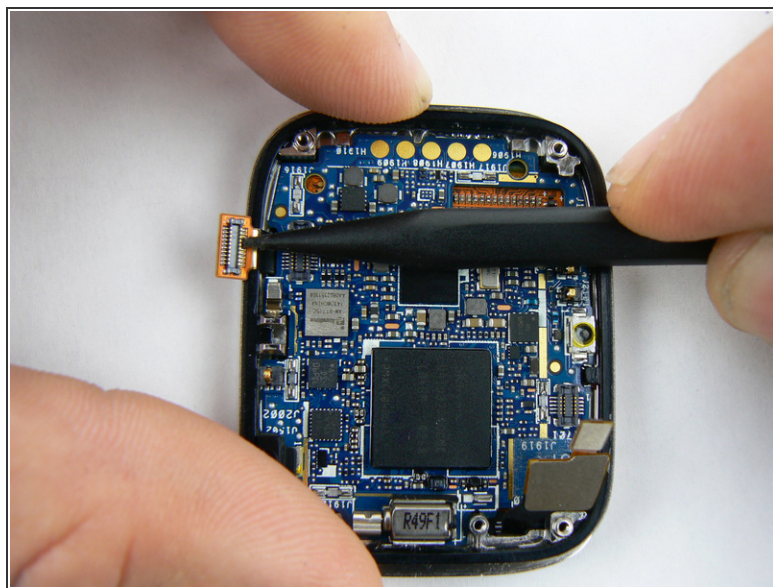
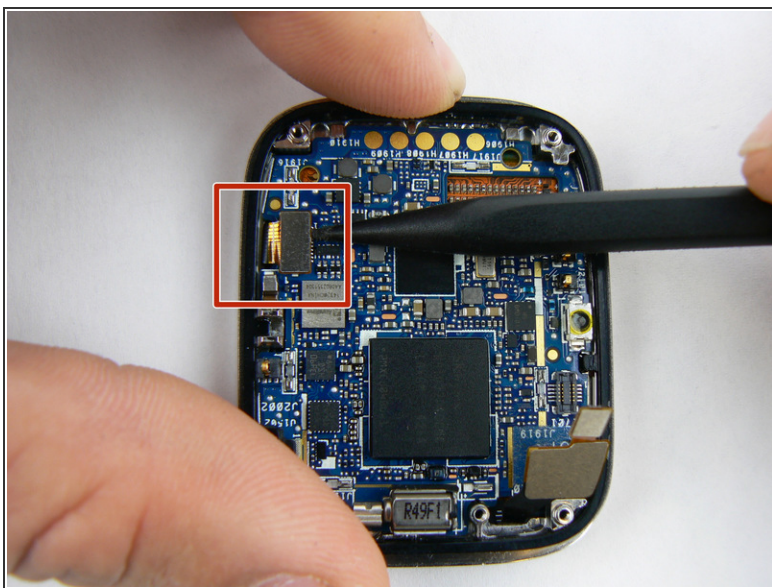
- The protective plate is now ready to be safely removed.
- With the heavy duty spudger pry up on the metal plate, in a counter-clockwise pattern
- ⓘ There are tiny notches on plate making it simple to pull up on each side.
- ⓘ A small strip of adhesive is on back of plate as well.
- Remove loosened plate and set aside.

Step 7



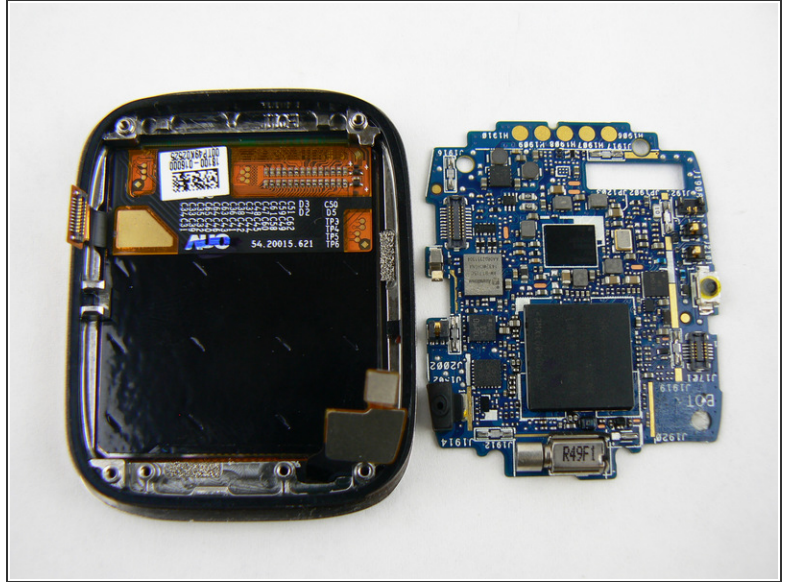
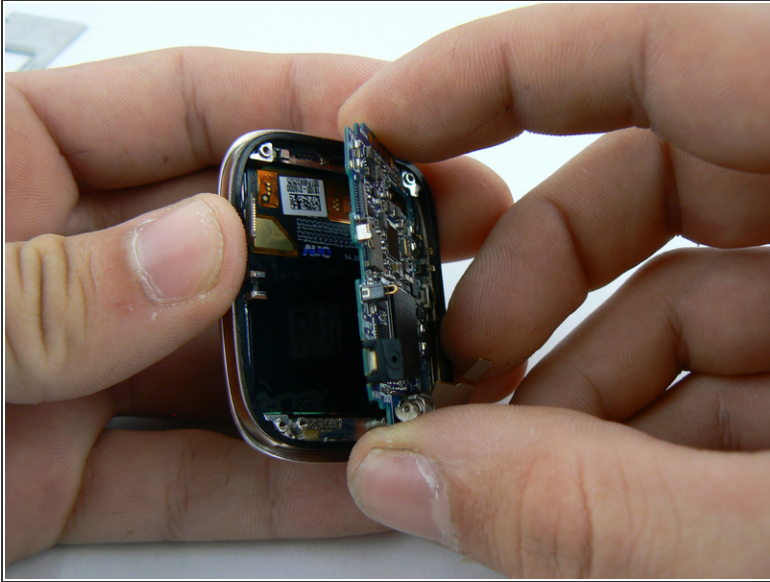
- With the 000 Philips screwdriver remove the screw and plastic retainer clips

Step 8



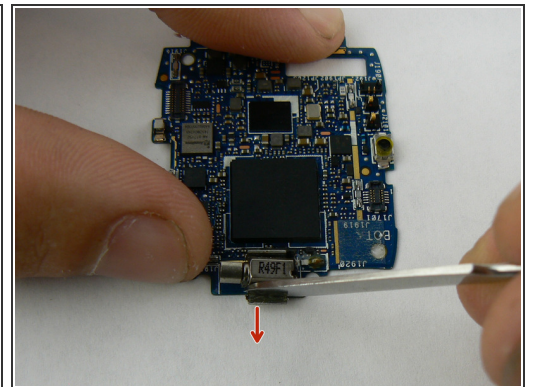
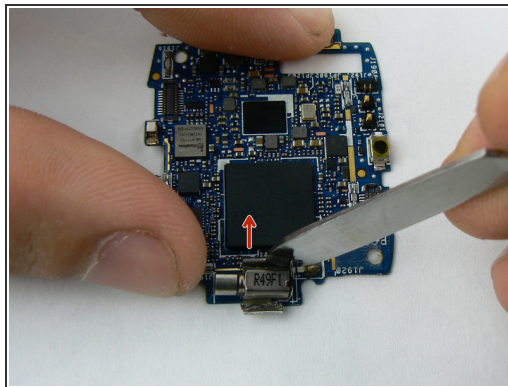
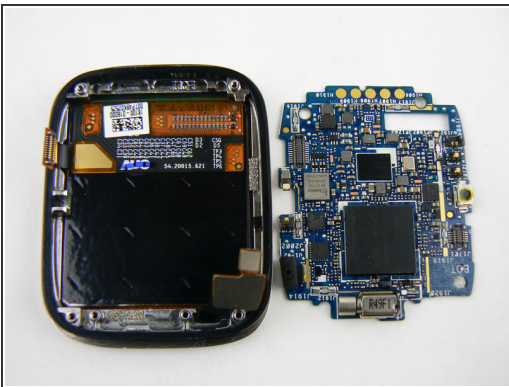
- With heavy duty spudger lift up on final connection ribbon located on left corner.

Step 9



- With all the connections disconnected the motherboard can be gently pried up and out of the watch case.

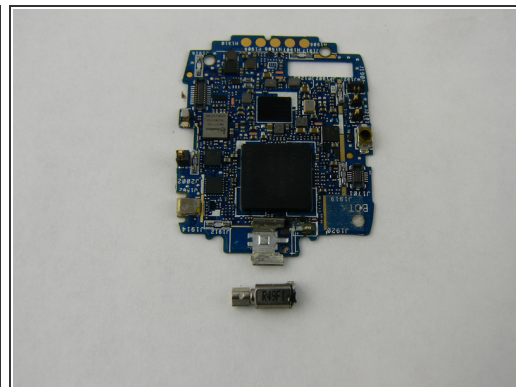
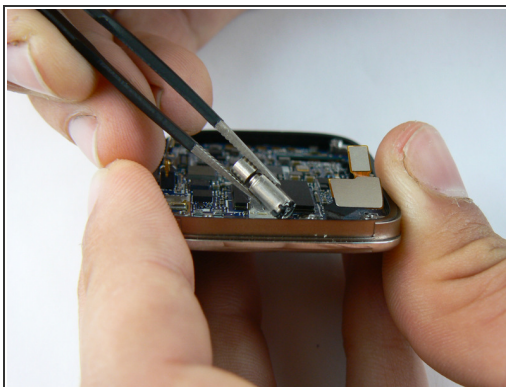
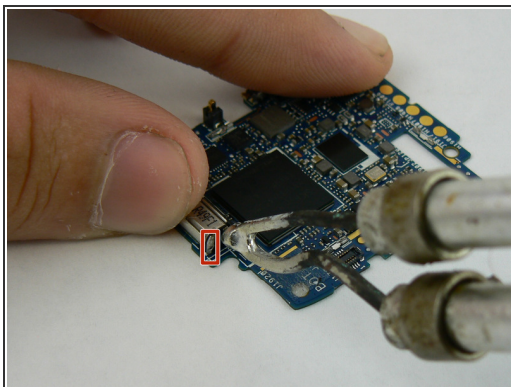
Step 10 — Vibration motor




- With a flat metal spudger pry back the little metal clamps that hold the motor secure.

⚠ Do not bend these too far as they can easily break off!

Step 11



- With the soldering iron, heat the two solder tabs on back of motor.
- Use metal tweezers to pull up and remove motor.

 A soldering iron gets hot! Take care not to burn yourself or place it on any other part of the board.

To reassemble your device, follow these instructions in reverse order.

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